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Lobelia SM - Artificial Sky

Lobelia is easy relocatable mirror box artificial sky. It is powered by dimmable LED lamps for zero

maintenance, high quality of the light (uniformity in space and time) and low cost of ownership.

Parameter	PN	Sym- bol	Value	Unit	Notes
Chamber internal dimensions	50004-X134		1.2 x 1.2 x 2.1	m	W x D x Height
Chamber internal dimensions of the mirrored walls	50004-X134		1.2 x 1.2 x 1.2	m	
Sky illuminance in the center at 1m from the floor	50004-X134	Hor	8000	lx	floor reflection 18%
Dimmer range	50004-X134		1-99.99	%	
CRI	50004-[12]134 50004-3134	Ra	> 90 > 80		
Luminance uniformity of translucent ceiling	50004-X134	U0	> 80	%	
Power supply unit: electronic	50004-X134		90-264 @ 47-63	W / Hz	with PFC
Weight	50004-X134		185	kg	

It is an affordable tool for teaching and design the daylighting in places where the sky is cloudy because it is able to reproduce the overcast sky (aka, Spencer and Moon sky) really well.

Part Number	Description
50004-1134	MIRROR BOX, 1.2x1.2x2.4m, 8000lx, WHITE LED 6000K, 270W
50004-2134	MIRROR BOX, 1.2x1.2x2.4m, 8000lx, WHITE TUNABLE LED 3-6000K, 400W
50004-4134	MIRROR BOX, 1.2x1.2x2.4m, 8000lx, FULL COLOR LED 1100-38500K, 700W
50025-180	Optional DATALOGGER 8CH MICRO CURRENT INPUTS
50025-7007	Optional LUXMETER HEAD 20MM X 13MM, 2.5M

The door and wall panels are custom made sandwich panels. The sandwich composition guarantees the security, durability and quality (planarity) of the mirror box.

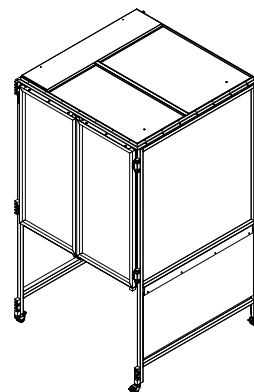
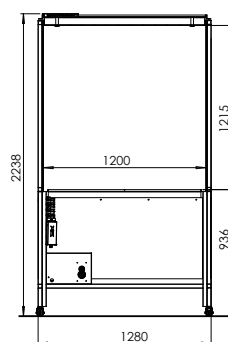
The mirror employed is thin (5mm) back plated glass mirror. The **crystal clear** type of glass reduces the color aberration (greenish effect). The glass has very **low VOC and formaldehyde** emission for greater comfort inside the mirror box.

It is on castors to simplify the positioning.

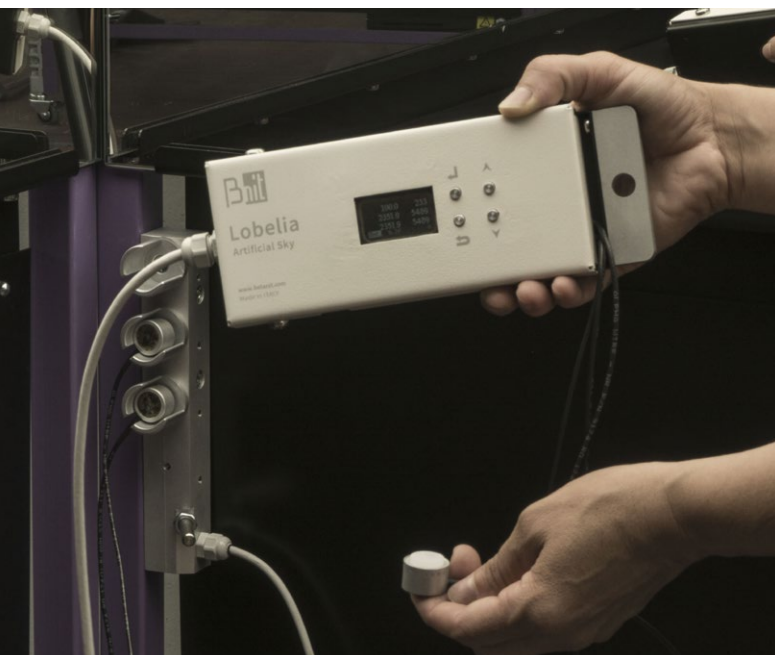
Optionals

An integrated lux meter digital meter system with a micro head (height 13mm, diameter 20mm) optimized for use inside of scale model 1:50. It is connected to the user computer with a USB.

An adjustable height table.



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Area Value-Added Reseller



<http://www.betanit.com/lobelia>



Nitter di Giulio Maria Podestà
via Castellana 11
29121 Piacenza - Italia
www.betanit.com
info@betanit.com

P.IVA IT01582590335
CF PD5GMR72T04G535G
Numero registro AEE:
IT11030000007076
t. +39-0523-650217